

TOSHIBA AS3 RESIN

The perfect outfit

The AS3 is a pure resin ribbon developed for printing wash care labels in the textile industry. Best suited to polysatins and nylons, the printed image offers excellent resistance to dry cleaning, home and industry washing, bleach and ironing. The AS3's outstanding back coating prevents static build-up and clogging, providing the very best in printhead protection.

Resistance trials

Using the AS3 in home laundry tests, the print was legible after several dozen washes at 40°C, 60°C and 90°C. In industrial laundry tests the print was legible after several washes with bleach at 60°C. For dry cleaning tests the AS3 has excellent resistance to perchloroethylene and good heat resistance when ironing up to 200°C.

Characteristics

- Excellent printing quality on textile materials.
- Very good resistance to ironing.
- Excellent resistance to washing and dry cleaning.

Ribbon performance



Garment Labelling

General purpose

5

Smear resistance

6

Scratch resistance

6

Chemical and solvent resistance

4

Heat resistance

4

Technical Specification

Properties

Ink Type: Resin
 Melting Point: 90°C (194°F)
 Film Thickness: 4.5 µm max.
 Back Coating: Silicone based
 Ribbon Thickness: 8 µm max.
 Optical Density Reflection: 1.6 min.

Storage

Ribbon is antistatic build up treated: 12 months, 5-35°C (40-95°F), 20-80% relative humidity.

Colours

Black, Silver.

Compatible printers

Near-edge models

B-SX4, B-SX5, B-SX6, B-SX8, B-372, B-472, B-572, B-672, B-872, B-482, B-682, B-882, B-492.

Flathead models

B-442, B-443, B-452, B-852, B-SV4, B-SA4, B-SX600.

Regulatory information

Heavy metals

The ribbon does not contain heavy metals according to EC 98/638.

Ames Test

The ribbon is not mutagenic, does not cause DNA modifications.

TSCA - Toxic Substance Control Act

The ribbon does not contain any of the toxic substances mentioned in this list.

CP 65 - California Proposition 65

The ribbon does not contain any of the chemicals mentioned in the list.

EU Directives

The ribbon does not contain any substances classified as dangerous for health.

The ribbon conforms to the EU Directives 1999/45/EC and 2001/95/EC.

RoHS - Restriction of Hazardous Substances

The ribbon does not contain any hazardous substances mentioned in the EU Directive 2002/95/EC.

WEEE - Waste Electrical and Electronic Equipment

The ribbon conforms to the EU Directive 2002/96/EC.

